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APRIL 12, 2005

PTAS

BURNS DOANE SWECKER & MATHIS L L P  
MATTHEW L. SCHNEIDER  
P.O. BOX 1404  
ALEXANDRIA, VA 22313-1404

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/11/2005

REEL/FRAME: 015891/0498  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 034185-054

## ASSIGNOR:

ISHIDA, TOSHIRO

DOC DATE: 07/08/2004

## ASSIGNEE:

TETRA LAVAL HOLDINGS & FINANCE  
S.A.

70 AVENUE GENERAL-GULSAN *Guisan*  
CH-1009 PULLY, SWITZERLAND

SERIAL NUMBER: 11500001

PATENT NUMBER:

TITLE:

FILING DATE: *03/11/2005*

ISSUE DATE:

*SEALED CONDITION INSPECTION DEVICE*

015891/0498 PAGE 2

JEFFREY OLSEN, SUPERVISOR  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
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RECORD COVER SHEET PATENTS ONLY	
Attorney's Docket No. 034185-054	
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):  Toshiro ISHIDA  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: TETRA LAVAL HOLDINGS & FINANCE S.A.  Address: 70 Avenue General-Guisan CH-1009 Pully, Switzerland  Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: July 8, 2004	4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____  A. Patent Application No.(s) 11/300,001  B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Matthew L. Schneider Address:  Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 21839 P.O. Box 1404 Alexandria, Virginia 22313-1404	6. Total number of applications and patents involved: <input type="text" value="1"/>  7. Total fee (37 CFR 3.41).....\$ \$40.00 (8021) <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Credit card. Form PTO-2038 is attached.  8. Deposit account number: 02-4800 (Attach duplicate copy of this page if paying by deposit account.)
DO NOT USE THIS SPACE	
9. Statement and Signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Matthew L. Schneider      32,814 <i>Matthew L. Schneider</i> March 11, 2005 Name of Person Signing      Reg. No.      Signature      Date  Total number of pages including cover sheet, attachments, and documents: <input type="text" value="3"/>	

Mail documents to be recorded with required cover sheet information to:  
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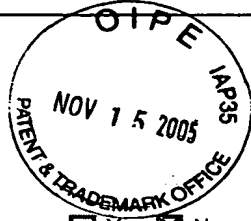
U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Attorney's Docket No. 034185-054

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1. Name of conveying party(ies):

Toshiro ISHIDA



2. Name and address of receiving party(ies):

Name: TETRA LAVAL HOLDINGS & FINANCE S.A.

Address:

70 Avenue General-Guisan  
CH-1009 Pully, Switzerland

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: July 8, 2004

Additional name(s) & addresses attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

11/500,001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Matthew L. Schneider

Address:

Burns, Doane, Swecker & Mathis, L.L.P.  
Customer Number 2 1 8 3 9  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40.00 (8021)

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Matthew L. Schneider  
Name of Person Signing

32,814  
Reg. No.

*Matthew L. Schneider*  
Signature

March 11, 2005  
Date

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# ASSIGNMENT

## (SOLE)

THIS ASSIGNMENT, by Toshiro ISHIDA, residing at Gotemba-shi, Shizuoka, Japan (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in SEALED CONDITION INSPECTION DEVICE set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
  - (a) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
  - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
  - (a) ☐ bearing Application No. \_\_\_\_\_, and filed on June 23, 2004;
  - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, TETRA LAVAL HOLDINGS & FINANCE S.A., a corporation duly organized under and pursuant to the laws of Switzerland and having a principal place of business at 70 Avenue General-Guisan, CH-1009 Pully, Switzerland (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel

of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 2004.07.08

  
\_\_\_\_\_  
Toshiro ISHIDA



**RECORDATION FORM COVER SHEET  
PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office**CORRECTION**  
(to Application number)**Attorney's Docket No. 034185-054**

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Toshiro ISHIDA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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☐ Security Agreement ☐ Change of Name  
☐ Other

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10/500,001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Matthew L. Schneider

Address:

Buchanan Ingersoll PC  
Including attorneys from Burns, Doane, Swecker & Mathis  
Customer Number 2 1 8 3 9  
P.O. Box 1404  
Alexandria, VA 22313-14046. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41).....\$ \$40.00 (8021)

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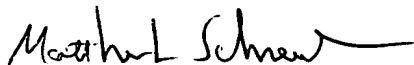
**9. Statement and Signature.***To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Matthew L. Schneider

Name of Person Signing

32,814

Reg. No.



Signature

November 14  
~~October~~

, 2005

Date

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WHEREAS, the Assignor has invented certain new and useful improvements in SEALED CONDITION INSPECTION DEVICE set forth in an application for Letters Patent of the United States, which is a

- (1) ☐ provisional application
  - (a) ☐ bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_;
  - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
  - (a) ☐ bearing Application No. \_\_\_\_\_, and filed on June 23, 2004;
  - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
  - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, TETRA LAVAL HOLDINGS & FINANCE S.A., a corporation duly organized under and pursuant to the laws of Switzerland and having a principal place of business at 70 Avenue General-Guisan, CH-1009 Pully, Switzerland (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel





of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 2004.07.08

  
\_\_\_\_\_  
Toshiro ISHIDA

